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(54) **TITANIUM ALLOY FOR GOLF CLUB HEAD**

(57) Abstract:

PROBLEM TO BE SOLVED: To form a golf club head from a titanium alloy having ³250 hardness Hv and ³12,000kgf/mm² Young's modulus in a plate thickness direction and excellent in rebound characteristic.

SOLUTION: This titanium alloy has a composition containing zirconium and oxygen by the amounts in the

ranges satisfying ³1.0% Zr, Zr+250₂³5(%), and 3xZr+220x O₂286(%), further containing 21wt.%, in total, of one or ³2 elements selected from the group consisting of aluminum, tin, iron, copper, and chromium, and having the balance titanium with inevitable impurities.

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